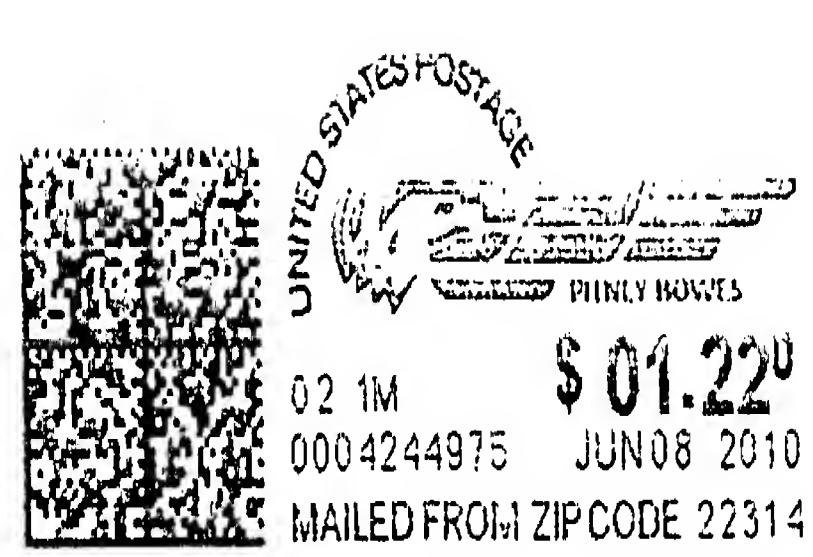


Organization TC3/00 Bldg/Rm RANDOLPH  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
If Undeliverable Return in Ten Days



**AN EQUAL OPPORTUNITY EMPLOYER**

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

NIXIE

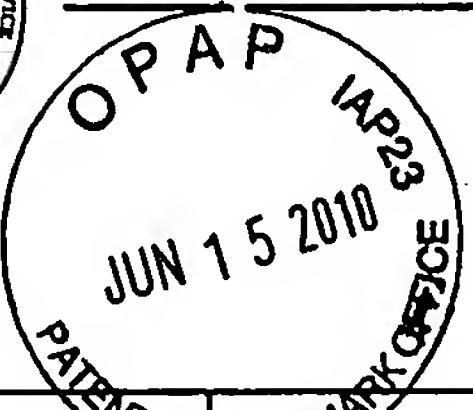
2011 1 05 06/14/10

RETURN TO SENDER  
NOT DELIVERABLE AS ADDRESSED  
UNABLE TO FORWARD  
RETURN TO SENDER

RECORDED MAIL



# UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

DJW

APPLICATION NO & TRADEMARK DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,724 PATENT & TRADEMARK OFFICE	07/28/2003 Timothy Effrem	MAS001	3513

7590 06/08/2010  
THE LAW OFFICES OF ROUZ TABADDOR, ESQ.  
1745 PENNSYLVANIA AVE. N.W.,  
SUITE #205  
WASHINGTON, DC 20006

EXAMINER
GATES, ERIC ANDREW

ART UNIT	PAPER NUMBER
3726	

MAIL DATE	DELIVERY MODE
06/08/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/627,724	EFFREM, TIMOTHY
	<b>Examiner</b>	<b>Art Unit</b>
	ERIC A. GATES	3726

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 24 May 2010.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 13 and 20-30 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 13 and 20-30 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 5) Notice of Informal Patent Application
- 6) Other: \_\_\_\_\_.

## **DETAILED ACTION**

1. This office action is in response to Applicant's amendment filed 24 May 2010.

### ***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 20-30 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Regarding claim 20, the phrase "a diameter in the range of about 25 mm to above" is considered indefinite, since the resulting claim does not clearly set forth the metes and bounds of the patent protection desired as to the upper limit of the first portion shrouded wall diameter. See MPEP § 2173.05(b). For the purposes of examination, it has been assumed that the diameter upper range is about 27.0 mm as claimed in claim 13.

### ***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 13 and 20-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Herman (U.S. Patent 1,380,716).

7. Regarding claims 13 and 20-30, Herman discloses a handpiece used with flexible shaft assemblies, the handpiece comprises: a shrouded wall (A) having a first end (ungrooved portion on the left end in figure 1) and a second end (grooved portion on the right end in figure 1) which is adapted to receive the flexible shaft assembly (E), and the shrouded wall has a generally cylindrical shape; a chuck assembly (B/J/K) which is rotatably connected to the interior of the first end of the shrouded wall portion and protrudes out of the shrouded wall so that the jaws (J) of the chuck are able to receive a bit, a first portion (ungrooved portion) of the shrouded wall located at the first end has a diameter; and a second portion (grooved portion) of the shrouded wall located between the first end and the second end includes a plurality of grooves or ridges (portion A as seen in figure 1), the diameter of the second portion is less than the diameter of the first portion (at least in the insides of the grooved portions of the second portion have a diameter less than the first ungrooved portion as seen in figure 1), and wherein the chuck includes a plurality of jaws (j') which are able to secure a bit.

Herman does not disclose that a first portion of the shrouded wall located at the first end has a diameter in the range of about 25.5 mm to about 27.0 mm, a second portion of the shrouded wall has a diameter in the range of about 25.2 mm to about 25.6 mm, the chuck has an effective capacity up to 6.35 mm, wherein the length of the first portion is in the range of 35 mm to 45 mm, wherein the length of the first portion is 40 mm, wherein the diameter of the first portion is 26 mm, wherein the thickness of the

shrouded wall is in the range of 0.7 mm to 1.2 mm, wherein the thickness of the shrouded wall is 0.7 mm to 0.8 mm, wherein the second portion has a length in the range of 40 mm to about 85 mm, wherein the second portion has a length of 62 mm, wherein the second portion has a diameter of 25.4 mm. However, it would have been an obvious matter of design choice to one having ordinary skill in the art at the time the invention was made to have selected whatever sizes were desired for the shroud and chuck for the purpose of matching the shroud size to the desired handpiece size and for retaining a desired range of bits, because it has been held that where the general conditions of a claim are disclosed in the prior art, discovering the optimum or workable ranges or values involves only routine skill in the art.

***Response to Arguments***

8. Applicant's arguments filed 24 May 2010 have been fully considered but they are not persuasive.
9. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., "Applicant's invention includes a novel handpiece apparatus used for cutting tools which is able to accept all standard shank sizes from at least 1/16 to ~ inch", "the present invention provides a shrouded/guarded adjustable 3 jaw key type chuck", and "the handpiece disclosed in Herman does not relate to the Jacob chuck as is disclosed in the present invention") are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read

into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

10. In response to applicant's argument that the Herman patent fails to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., "there are no dimensions given in the Herman patent. The configuration and dimensions in applicant's invention are drastically different than in the Herman patent. For example, Herman fails to disclose or render obvious wherein the diameter of the second portion is less than the diameter of the first portion where in the first and second portion have a novel range in diameter, which allows for various sized chucks to be received.") are not rejected using the Herman patent, but are instead rejected using the 35 U.S.C. 103(a) obviousness rejection as set forth above.

11. For the reasons as set forth above, the rejections are maintained.

### **Conclusion**

12. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ERIC A. GATES whose telephone number is (571)272-5498. The examiner can normally be reached on Mon-Thurs 8:45 - 6:15.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bryant can be reached on (571) 272-4526. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Eric A. Gates/  
Primary Examiner, Art Unit 3726  
7 June 2010